

Nº 45611

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office. APR 29 1982

Returned to applicant for correction.....

Corrected application filed.....

Map filed. APR 29 1982

The applicant Lonnie Robnett and Ralph Albright

1450 Granite Drive, of Reno,
Street and No. or P.O. Box No. City or Town

Nevada 89509, hereby make 1 application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

1. The source of the proposed appropriation is underground
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 0.15 second-foot
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet.....

3. The water to be used for Quasi-municipal (geothermal)
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated:.....

(b) Stockwater, state number and kinds of animals to be watered:.....

(c) Other use (describe fully under "No. 12. Remarks").....

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 22, T. 19 N.
Describe as being within a 40-acre subdivision of public
R. 19 E. MDB&M, or at a point from which the E $\frac{1}{4}$ corner of said section 22
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
bears N21°08'57" E a distance of 1480.92 feet.

6. Place of use E $\frac{1}{2}$ SE $\frac{1}{4}$ Section 22, T. 19 N. R. 19 E. MDB&M as shown on supporting map
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about 1 January and end about 31 December, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Well, downhole heat exchanger and
State manner in which water is to be diverted, i.e. diversion structure, ditches and
distribution system
flumes, drilled well with pump and motor, etc.

9. Estimated cost of works. \$20,000

10. Estimated time required to construct works six months
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use 3 years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Six (6) residential units (homes) will be served by a downhole heat exchanger. There will be no water diverted at the surface. The annual consumption will be (0) acre-feet.

By s/William E. Nork
William E. Nork
1026 W. First Street
Reno, Nevada 89503

Compared bl/jis br/ja

Protested _____

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. The State retains the right to regulate the use of the water herein granted at any and all times.

The well is to be cemented from the producing levels to the surface to protect fresh water zones.

This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes only and fresh, cold water aquifers are not to be diverted.

The used geothermal fluids are to be returned to the source.

Applications to change the manner of use to a consumptive use may be filed and duly considered.

A detailed log on the injection well and/or other analyses of the system used for returning the used geothermal to the source must be submitted together with the The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and

not to exceed 0.15 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before June 30, 1984

Proof of completion of work shall be filed before July 30, 1984

Application of water to beneficial use shall be made on or before June 30, 1986

Proof of the application of water to beneficial use shall be filed on or before July 30, 1986

Map in support of proof of beneficial use shall be filed on or before _____

Completion of work filed AUG 15 1984 IN TESTIMONY WHEREOF, I PETER G. MORROS,
 State Engineer of Nevada, have hereunto set my hand and the seal of
 Proof of beneficial use filed AUG 14 1986
 my office, this 30th day of JUNE

Cultural map filed _____

Certificate No. 11810 Issued APR 6 1987

A.D. 19 83


 State Engineer

(PERMIT TERMS CONTINUED)

Proof of Completion.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.